In Claim 36, lines 2 – 3, please delete "any one of claims 18, 19 and 27 – 31," and insert in its place –claim 18,--.

In Claim 37, line 2, please delete " or 16".

In Claim 38, line 2, please delete "10, 12, 18, 27, 30 or 31,".

In Claim 39, line 2, please delete "9, 22, 25 or 26,".

In Claim 40, lines 1 – 2, please delete "13, 20 or 32".

In Claim 41, lines 1 – 2, please delete "35 or 36,".

In Claim 42, line 2, please delete " or 16,".

In Claim 43, line 2, please delete "10, 12, 18, 27, 30 or 31,".

In Claim 44, line 2, please delete "9, 22, 25 or 26,".

In Claim 45, lines 1 – 2, please delete "13, 20 or 32".

In Claim 46, lines 1 – 2, please delete "35 or 36,".

Please insert new Claims 47 – 126 as follows:

--47. A mobile station of the mobile communications system as defined in claim 4, said mobile station comprising:

means for recording the group of the channel identifier;

means for receiving the channel identifier from the base station; and

means for searching other channel identifiers in a same group as the channel identifier received by said receiving means belongs to, first.

48. The mobile station as claimed in claim 47, wherein the channel identifier consists of a spreading code or a carrier frequency.

49. The mobile station as claimed in claim 47, wherein the channel identifier is included in a perch channel signal.

50. The method of searching for a neighboring cell as claimed in claim 9, wherein the channel identifier consists of a spreading code or a carrier frequency.

51. The method of searching for a neighboring cell as claimed in claim 9, wherein the channel identifier is included in a perch channel signal.

52. The mobile station of the mobile communications system as defined in claim 11, said mobile station comprising:

means for recording the group of the channel identifier;

means for receiving the channel identifier from the base station; and

means for searching other channel identifiers in a same group as the channel identifier received by said receiving means belongs to, first.

53. The mobile station as claimed in claim 52, wherein the channel identifier consists of a spreading code or a carrier frequency.

54. The mobile station as claimed in claim 52, wherein the channel identifier is included in a perch channel signal.

55. A mobile station of the mobile communications system as defined in claim 10, said mobile station comprising:

means for recording the group of the channel identifier;

means for receiving the channel identifier from the base station; and

means for searching other channel identifiers in a same group as the channel identifier received by said receiving means belongs to, first.

56. The mobile station as claimed in claim 55, wherein the channel identifier consists of a spreading code or a carrier frequency.

57. The mobile station as claimed in claim 55, wherein the channel identifier is included in a perch channel signal.

58. The mobile communications system as claimed in claim 10, wherein the channel identifier consists of a spreading code or a carrier frequency.

59. The mobile communications system as claimed in claim 10, wherein the channel identifier is included in a perch channel signal.

60. A mobile station of the mobile communications system as defined in claim 12, said mobile station comprising:

means for recording the group of the channel identifier;

means for receiving the channel identifier from the base station; and

means for searching other channel identifiers in a same group as the channel identifier received by said receiving means belongs to, first.

61. The mobile station as claimed in claim 60, wherein the channel identifier consists of a spreading code or a carrier frequency.

62. The mobile station as claimed in claim 60, wherein the channel identifier is included in a perch channel signal.

63. The mobile communications system as claimed in claim 12, wherein the channel identifier consists of a spreading code or a carrier frequency.

64. The mobile communications system as claimed in claim 12, wherein the channel identifier is included in a perch channel signal.

65. The base stations as claimed in claim 13, wherein the channel identifier consists of a spreading code or a carrier frequency.

66. The base stations as claimed in claim 13, wherein the channel identifier is included in a perch channel signal.

67. The channel identifier assigning method as claimed in claim 16, wherein the channel identifier consists of a spreading code or a carrier frequency.

68. The channel identifier assigning method as claimed in claim 16, wherein the channel identifier is included in a perch channel signal.

69. A mobile station of the mobile communications system as defined in claim 19, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching the other channel identifiers in a same mapping pattern as the channel identifier received by said receiving means belongs to, first.

70. The mobile station as claimed in claim 69, wherein the channel identifier consists of a spreading code or a carrier frequency.

A2

71. The mobile station as claimed in claim 69, wherein the channel identifier is included in a perch channel signal.

72. A mobile station of the mobile communications system as defined in claim 19, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching for a channel identifier first with a number contiguous to the channel identifier in a circular pattern in the mapping pattern to which the channel identifier received by said receiving means belongs.

73. The mobile station as claimed in claim 72, wherein the channel identifier consists of a spreading code or a carrier frequency.

74. The mobile station as claimed in claim 72, wherein the channel identifier is included in a perch channel signal.

75. The mobile station as claimed in claim 35, wherein the channel identifier consists of a spreading code or a carrier frequency.

76. The mobile station as claimed in claim 35, wherein the channel identifier is included in a perch channel signal.

77. The mobile station as claimed in claim 36, wherein the channel identifier consists of a spreading code or a carrier frequency.

78. The mobile station as claimed in claim 36, wherein the channel identifier is included in a perch channel signal.

A2

79. The mobile communications system as claimed in claim 18, wherein the channel identifier consists of a spreading code or a carrier frequency.

80. The mobile communications system as claimed in claim 18, wherein the channel identifier is included in a perch channel signal.

81. The base stations as claimed in claim 20, wherein the channel identifier consists of a spreading code or a carrier frequency.

82. The base stations as claimed in claim 20, wherein the channel identifier is included in a perch channel signal.

83. The method of searching for a neighboring cell as claimed in claim 22, wherein the channel identifier consists of a spreading code or a carrier frequency.

84. The method of searching for a neighboring cell as claimed in claim 22, wherein the channel identifier is included in a perch channel signal.

85. The method of searching for a neighboring cell as claimed in claim 25, wherein the channel identifier consists of a spreading code or a carrier frequency.

86. The method of searching for a neighboring cell as claimed in claim 25, wherein the channel identifier is included in a perch channel signal.

87. The method of searching for a neighboring cell as claimed in claim 26, wherein the channel identifier consists of a spreading code or a carrier frequency.

88. The method of searching for a neighboring cell as claimed in claim 26, wherein the channel identifier is included in a perch channel signal.

89. A mobile station of the mobile communications system as defined in claim 28, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching the other channel identifiers in a same mapping pattern as the channel identifier received by said receiving means belongs to, first.

90. The mobile station as claimed in claim 89, wherein the channel identifier consists of a spreading code or a carrier frequency.

91. The mobile station as claimed in claim 89, wherein the channel identifier is included in a perch channel signal.

92. A mobile station of the mobile communications system as defined in claim 28, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching for a channel identifier first with a number contiguous to the channel identifier in a circular pattern in the mapping pattern to which the channel identifier received by said receiving means belongs.

93. The mobile station as claimed in claim 92, wherein the channel identifier consists of a spreading code or a carrier frequency.

94. The mobile station as claimed in claim 92, wherein the channel identifier is included in a perch channel signal.

95. A mobile station of the mobile communications system as defined in claim 29, said mobile station comprising:

means for recording the mapping pattern;

AZ

means for receiving the channel identifier from the base station; and

means for searching the other channel identifiers in a same mapping pattern as the channel identifier received by said receiving means belongs to, first.

96. The mobile station as claimed in claim 95, wherein the channel identifier consists of a spreading code or a carrier frequency.

97. The mobile station as claimed in claim 95, wherein the channel identifier is included in a perch channel signal.

98. A mobile station of the mobile communications system as defined in claim 29, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching for a channel identifier first with a number contiguous to the channel identifier in a circular pattern in the mapping pattern to which the channel identifier received by said receiving means belongs.

99. The mobile station as claimed in claim 98, wherein the channel identifier consists of a spreading code or a carrier frequency.

100. The mobile station as claimed in claim 98, wherein the channel identifier is included in a perch channel signal.

101. A mobile station of the mobile communications system as defined in claim 27, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching the other channel identifiers in a same mapping pattern as the channel identifier received by said receiving means belongs to, first.

A2

102. The mobile station as claimed in claim 101, wherein the channel identifier consists of a spreading code or a carrier frequency.

103. The mobile station as claimed in claim 101, wherein the channel identifier is included in a perch channel signal.

104. A mobile station of the mobile communications system as defined in claim 27, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching for a channel identifier first with a number contiguous to the channel identifier in a circular pattern in the mapping pattern to which the channel identifier received by said receiving means belongs.

105. The mobile station as claimed in claim 104, wherein the channel identifier consists of a spreading code or a carrier frequency.

106. The mobile station as claimed in claim 104, wherein the channel identifier is included in a perch channel signal.

107. The mobile communications system as claimed in claim 27, wherein the channel identifier consists of a spreading code or a carrier frequency.

108. The mobile communications system as claimed in claim 27, wherein the channel identifier is included in a perch channel signal.

109. A mobile station of the mobile communications system as defined in claim 30, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching the other channel identifiers in a same mapping pattern as the channel identifier received by said receiving means belongs to, first.

110. The mobile station as claimed in claim 109, wherein the channel identifier consists of a spreading code or a carrier frequency.

111. The mobile station as claimed in claim 109, wherein the channel identifier is included in a perch channel signal.

112. A mobile station of the mobile communications system as defined in claim 30, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching for a channel identifier first with a number contiguous to the channel identifier in a circular pattern in the mapping pattern to which the channel identifier received by said receiving means belongs.

113. The mobile station as claimed in claim 112, wherein the channel identifier consists of a spreading code or a carrier frequency.

114. The mobile station as claimed in claim 112, wherein the channel identifier is included in a perch channel signal.

115. The mobile communications system as claimed in claim 30, wherein the channel identifier consists of a spreading code or a carrier frequency.

116. The mobile communications system as claimed in claim 30, wherein the channel identifier is included in a perch channel signal.

A2

117. A mobile station of the mobile communications system as defined in claim 31, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching the other channel identifiers in a same mapping pattern as the channel identifier received by said receiving means belongs to, first.

118. The mobile station as claimed in claim 117, wherein the channel identifier consists of a spreading code or a carrier frequency.

119. The mobile station as claimed in claim 117, wherein the channel identifier is included in a perch channel signal.

120. A mobile station of the mobile communications system as defined in claim 31, said mobile station comprising:

means for recording the mapping pattern;

means for receiving the channel identifier from the base station; and

means for searching for a channel identifier first with a number contiguous to the channel identifier in a circular pattern in the mapping pattern to which the channel identifier received by said receiving means belongs.

121. The mobile station as claimed in claim 120, wherein the channel identifier consists of a spreading code or a carrier frequency.

122. The mobile station as claimed in claim 120, wherein the channel identifier is included in a perch channel signal.

123. The mobile communications system as claimed in claim 31, wherein the channel identifier consists of a spreading code or a carrier frequency.

124. The mobile communications system as claimed in claim 31, wherein the channel identifier is included in a perch channel signal.

125. The base stations as claimed in claim 32, wherein the channel identifier consists of a spreading code or a carrier frequency.

126. The base stations as claimed in claim 32, wherein the channel identifier is included in a perch channel signal.--

Respectfully submitted,

Dated: December 29, 2000

Matthew J. Marquardt
Reg. No. 40,997
Attorney for Applicants
BROWN RAYSMAN MILLSTEIN
FELDER & STEINER LLP
120 West Forty-Fifth Street
New York, New York 10036
(212) 944-1515